defining a portion of a guidewire receiving lumen extending along at least a portion of the distal shaft section, and a distal tip member having a proximal end secured to a distal end of the inner tubular member to form a joint with the distal end of the inner tubular member, the distal tip member defining a distal portion of the guidewire receiving lumen in fluid communication with the portion of the guidewire receiving lumen defined by the inner tubular member and a port at the distal end of the shaft;

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- b) a balloon on the distal shaft section having a proximal shaft section bonded to the outer tubular member, a distal shaft section bonded to the inner tubular member, an inflatable section, and an interior in fluid communication with the inflation lumen; and
- and disposed about the joint between the distal tip member and the inner tubular member, and having a proximal end located distal to the distal end of the balloon, and a distal end located proximal to a distal end of the distal tip member.
- 37. (New) The balloon catheter of claim 36 wherein the proximal end of the sleeve butts-up to the distal end of the balloon distal shaft section.
- 38. (New) The balloon catheter of claim 36 wherein the proximal end of the distal tip member forms a butt-joint with the distal end of the inner tubular member.
- 39. (New)/The balloon catheter of claim 36 wherein the sleeve is formed of a polymeric material compatible with a polymeric material of the distal tip member and is fusion bonded thereto.

Serial No.: 10/002,613 Docket No.: 59944 (2285)